

SECTION 7300 - EROSION CONTROL

7301 SCOPE This section covers all labor and materials for the construction of erosion control measures. It includes the installation of erosion control devices that result in the reduction of soils leaving the construction site. Measures shall address but are not limited to inlet protection, stream protection, adjacent property protection, and public right-of-way protection.

7302 GENERAL Erosion control measures will be required on all construction plans submitted to the city of Gardner Public Works department. All projects which disturb a cumulative area of more than one acre will be temporarily seeded and mulched to the requirements of section "7200 Seeding and Sodding" immediately after street construction is complete. No other work will be allowed to begin until the seeding and mulching is complete unless approved by the City Engineer.

Erosion control measures will be required to be installed prior to any grading or construction activities. Erosion control methods include, but are not limited to, the following techniques: settling basins, sediment traps, rock entrance construction and perimeter controls. The contractor shall be responsible for the removal and clean-up of any sediment that is not retained on the construction site. All costs shall be the responsibility of the contractor.

During construction the City Engineer or his representative may require or the applicant may request, that the construction of the erosion control facilities and associated designs be modified. Modifications to the erosion control plan shall be submitted to City Engineer prior to any construction activities if physical conditions are discovered on the site inconsistent with the assumptions upon which the approval was based, including, but not limited to, unexpected soil conditions, runoff patterns, general weather generated problems, or changes in the design of the improved areas. All costs of the modifications will be considered subsidiary to erosion control.

7303 MATERIALS Materials shall consist of silt fence as shown in detail 73-1, straw bales as shown in detail 73-2, inlet protection as shown in detail 73-3, rock construction entrance as shown on detail 73-4, OR any combination of methods as approved by the city engineer or his representative.

Temporary seeding will be a combination of annual and perennial Rye. Total seeding rate will be 200 lbs/Acre and shall consist of 130 lbs/Acre of annual Rye and 70 lbs/Acre of perennial Rye. All seeding shall meet the requirements set forth in section 7200 SEEDING AND SODDING.

7304 MAINTENANCE On any property where grading or other work has been permitted, it shall be up to the permittee or owner to maintain and repair erosion control facilities. Whenever the City Engineer or his representative find that any existing grading, drainage, or ground condition is defective or deficient under the requirements of this division, all work shall cease until measures have been taken to meet the conditions of this division.